

## Unit Introduction

To quote the Psalmist, we are “fearfully and wonderfully made” (Psalm 139:14). Truly the design of the human body is one of the greatest marvels of His works. As diverse as the human population may be, the truth rings loud and clear, all of us were created in the image of God. Look no farther than the systems of the body and we will find the signature of our Creator.

In this unit, we will explore the main systems of the human body, the organs that belong to those systems, and the functions of each. This unit was designed based on the NAD curriculum for 6<sup>th</sup> grade science, but may easily be adapted to middle school and high school Biology, Life Science, and Health courses. This unit was designed to be successful with both a teacher-centered or student-centered approach. Teachers have the option of leading out directly with lectures or have the option of allowing independent learning to take place where the teacher is an additional resource to comprehension. The approach taken by the teacher would be dependent on the school setting (one room, multi-grade, straight grade, etc). It may take 10 – 15 class periods to complete all lessons, projects, and assignments.

In this unit, students will be able to:

- Explain the importance of organization in the body
- Identify the levels of organization within the human body
- List and explain the functions of the four types of tissues within the human body
- List and explain the importance of the major body systems
- Identify vital body organs and associate those organs to the body system they belong
- Explain the function of each vital body organ